


Science Notebook Layout **DON'T COPY UNDERLINED TEXT**

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Mrs. Aguirre's Webpage: <http://www.quia.com/profiles/caquirre>

TABLE OF THE ELEMENTS Date: _____ Per: _____
Assign. No. _____

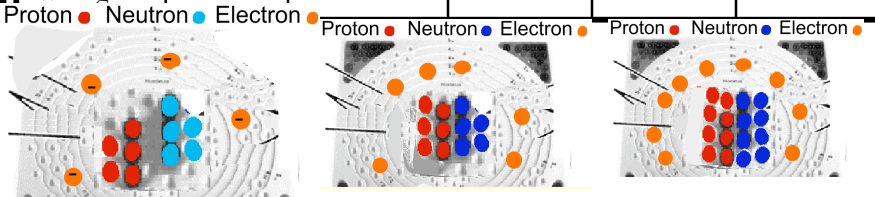
- Elements in the periodic table are in order of _____ (pg 139)
- Fill in the square for LITHIUM from the periodic table. (Pg. 141)

 ← Atomic number tells the _____ of _____ in the _____
Atomic mass is the sum of the number of _____ plus _____

3. FOR LITHIUM Proton= ⊕, Neutron= ○, Electron= ⊖
Number of protons= _____ (get from the atomic _____)
Number of electrons= _____ (same as the number of _____)
Number of neutrons: (Fill in words below)
= Atomic _____ (rounded) - Atomic _____
Number of neutrons for Lithium = _____ - _____ = _____ neutrons
Draw a model of a Lithium atom, using proton, neutron, electron symbols shown above.



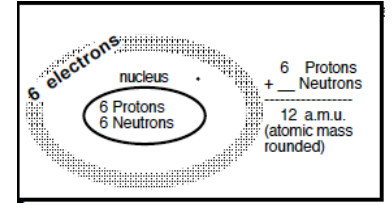
Name	Protons	Neutrons	Atomic Mass	Electrons	Periodic Table Square			
#1: Needs 1 more electron	5	5	20	4	<table border="1" style="display: inline-table;"><tr><td>10,11</td></tr><tr><td>B</td></tr><tr><td>5</td></tr></table>	10,11	B	5
10,11								
B								
5								
#2: Wrong?								
#3: Wrong?								



The atom game explained.
Write a list of steps that explains how to check to see if the number of PROTONS, NEUTRONS AND ELECTRONS IS CORRECT.
At least 3 numbered steps.(FCS).
Include a periodic table square to use to illustrate your steps.
Label "Atomic Number" and "Mass number"

ATOMIC STRUCTURE REVIEW 2/4/13

Carbon 6
C
Carbon
12.01
Element name: Carbon
Symbol: C
Atomic Number: 6
Atomic Mass: 12.01 a.m.u.
It has 6 protons & 6 electrons
Isotopes: C-12 C-13
Its most common isotope has 6 neutrons



a Gas: _____
Element name: _____
Symbol: _____
Atomic Number: _____
Atomic Mass: _____ a.m.u.
It has _____ protons & _____ electrons
Isotopes: _____
Its most common isotope of _____ has _____ neutrons

Draw Atom

a Metal: _____
Element name: _____
Symbol: _____
Atomic Number: _____
Atomic Mass: _____ a.m.u.
It has _____ protons & _____ electrons
Isotopes: _____
Its most common isotope of _____ has _____ neutrons

Draw Atom

Your choice: _____
Element name: _____
Symbol: _____
Atomic Number: _____
Atomic Mass: _____ a.m.u.
It has _____ protons & _____ electrons
Isotopes: _____
Its most common isotope of _____ has _____ neutrons

Draw Atom

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